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Z/037/60/000/005/014/056

E192/E382

9.4/20

AUTHOR: Novák, M.

TITLE: Spatial Period of Moving Striations as a Function of the Electric-field Strength in a Glow Discharge ^{ix}

PERIODICAL: Československý časopis pro fysiku, 1960,
No. 5, p. 407

TEXT: The dependence of the spatial period of moving striations in a glow discharge in helium and neon on a constant electric field applied to the system was investigated. The measurements were performed at pressures of 1.5 to 7 mm Hg, currents of 0.2 to 50 mA, in tubes having diameters ranging from 9 to 22 mm. It was found that the spatial period λ and the electric field E are related by:

$$\lambda = \frac{\varphi_v}{E} \quad \text{or} \quad E\lambda = \varphi_v$$

where φ_v is a certain constant which depends on the type of gas and the type of striations. This proves the validity of

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NOVAK, Mirko, Inz.

Filter synthesis with theaid of potential analogies. Slaboproudý
obzor 21 no.2:83-88 '60. (EEAI 9:6)

1. Ustav radiotechniky a elektroniky Ceskoslovenke akademie ved.
(Impedance (Electricity)) (Electric filters)

NOVAK, Mirko, inz.; VICHOVA, E.

The spiral rule and its application in working with rational
fractional functions. Slaboproudý obzor 21 no.10:594-596 0 '60.
(EEAI 10:2)

1. Ustav radiotechniky a elektroniky CSAV
(Functional equations) (Electric circuits)
(Servomechanisms)

2001

Z/039/61/022/003/003/006
E192/E382

7.3230

AUTHOR: Novák, Mirko, Engineer

TITLE: Steep Filters with Maximally Flat Attenuation
Characteristic in the Passband

PERIODICAL: Slaboproudý obzor, 1961, Vol. 22, No. 3,
pp. 153 - 159

TEXT: A new type of maximally flat filters is described,
which give a steeper cut-off (between the pass and attenuation
bands) than the corresponding Butterworth filters. The
maximum flatness in the vicinity of a centre point $j\omega_0$ is
defined by:

$$\left. \frac{d^n G(j\omega)}{d(j\omega)^n} \right|_{j\omega = j\omega_0} = 0, \quad (1)$$

where $x = 1$ to $(n - 1)$. Filters can be synthesised on the
basis of the known Butterworth polynomials

$$B_n(s) = \sum_{i=0}^{i=n} a_i s^i, \text{ where}$$

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Steep Filters with

$$a_q = r^n \prod_{v=1}^{q-1} \frac{\cos \frac{v-1}{2n} \pi}{\sin \frac{v}{2n} \pi} \quad (2)$$

for $v = 1, 2, 3 \dots n$, whose zeros lie on a semicircle in the lefthand plane s , the semicircle having a radius r . For the purpose of analysis it is assumed that

$G(s) = C_n B_n(s)$ and $\tilde{\Phi}(s) = C_n^2 B_n(s) B_n(-s)$, so that

$$\tilde{\Phi}(s) = C_n^2 [k + H_n] = C_n^2 [k + (-1)^n s^{2n}] = C + C_n^2 s^{2n} (-1)^n, \quad (3)$$

where $k = r^{2n} = C/C_n^2$. Such a Butterworth filter fulfils the condition given by Eq. (1). In the case of reactance filters $C = 1$ so that at $s = j\omega$,

$a_{\max} = 1/2 \ln(1 + C_n^2)$. On the other hand, at a certain

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Filters with

expression (7) becomes:

$$\begin{aligned} \Phi_{no}(j\eta) &= C_n^2 B_{no}(j\eta) B_{no}(-j\eta) = \\ &= C_n^2 B_{no}(j\eta) = C + \tilde{C}_n^2 H_{no}(j\eta) = C_n^2 [1 + C_n^2 H_{no}(j\eta)] \end{aligned} \quad (9)$$

above, it follows that if Φ_{no} is to be a maximally

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Steep Filters with

$$G(s) = C_n B_{no}(s) = C_n \frac{P_{no}(s)}{Q_{no}(s)} \quad (6)$$

This function should differ from the Butterworth function in that it should be a rational fractional function of the complex variable s . The filtration function for this case is assumed to be in the form:

$$\Phi_{no}(s) = C_n^2 B_{no}(s) B_{no}(-s) = C + \tilde{C}_n^2 H_{no}(s) \quad (7)$$

that the function $H_{no}(s)$ should also

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Steep Filters with

From which it is seen that H_{no} has a single $2n$ -ple zero point at $s = 0$ and m double poles distributed along the axis $j\omega$. The function H_{no} can be written as:

$$H_{no}(s) = (-1)^n e^{n(n-1)\pi} \prod_{i=1}^n \frac{s^2}{(s - j\omega_i)^2} = (1)^n e^{n(n-1)\pi} \prod_{i=1}^n H_{L_i} \quad (12)$$

where the individual fractions H_{L_i} are monotonic along the axis $j\omega$ up to the points ω_{L_i} ; correspondingly, the function H_{no} is also monotonic along the axis $j\omega$ over a certain interval. The relationships between the functions H_{no} and Z_{no} are expressed by:

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Steep Filters with

(14)

$$|B_{\infty}(j\eta)| = \sqrt{\kappa + C_n^2 H_{\infty}(j\eta)}$$

(14a) .

$$G(j\eta) = \infty - \sqrt{\kappa + C_n^2 D(j\eta)}.$$

In the design of the filters based on the above functions; it is necessary to know the requirements regarding the modulus of the transfer function $G(s)$ along the axis $j\eta$. It is then necessary to determine constants C and C_n and then the distribution of the poles of the function H_{no} . In the case of reactance filters, $C = 1$, so that:

$$|G(j)| = C_n \sqrt{1 + \kappa} = \sqrt{1 + C_n^2}$$

(21) .

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Steep Filters with

Now, C_n is given by:

$$C_n = \sqrt{e^{2a_{\max}} - 1} \quad (22)$$

where $a_{\max}$ is the attenuation at the boundary of the pass-band at the point $s = j$. It is then necessary to determine the degree of H_{no} and the distribution of its poles η_1 .

These calculations can be performed by using a suitable template or a potential field plotter. The use of the above maximally flat functions is illustrated by two numerical examples. In particular, it is found that while a Butterworth filter requires $n = 11$, the same conditions can be met by the new filter with $n = 7$.

There are 15 figures, and 9 references: 6 Czech and 3 non-Czech.

The two English-language references quoted are:

Ref. 2 - J.L. Stewart, Circuit Theory and Design, New York, John Wiley, 1956; Ref. 6 - W.J. Karplus, Analog Simulation, New York, Toronto, London; McGraw-Hill Book Co. 1958

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Steep Filters with

Z/039/61/²³⁶⁷¹022/003/003/006
E192/E382

(URE 5336 B 1508).

ASSOCIATION: ČSAV, Ústav radiotechniky a elektroniky
(ČSAV, Institute of Radio-engineering and
Electronics)

SUBMITTED: October 14, 1960

X

Card 9/9

9.2550

Z/039/62/023/003004/004
D291/D304

AUTHOR: Novák, Mirko, Engineer

TITLE: Filters with a maximum flat attenuation characteristic

PERIODICAL: Slaboproutý obzor, v. 23, no. 3, 1962, 155-163

TEXT: The article lists the principles for practical and rapid design of low-pass electric wave filters or selective amplifiers which have a maximum flat attenuation characteristic in the transmission band, and Chebyshev attenuation characteristics in the suppressed band. Basic data for filter design are taken from respective diagrams. In the first part, graphic material is presented for determining the transfer function of the desired type which can physically be realized by an LC or RLC circuit and fulfills the requirements imposed on the amplitude characteristic. In the second part, graphic material is presented for directly determining the circuitry of the desired filter in the form of a passive LC lattice.

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Filters with a maximum flat attenuation Z/039/62/023/003/004/005
D291/D304

type network, operating between identical real input impedances while the transfer function attains the character of the operational transfer factor. Since the only scope of this paper is to facilitate filter design, the theory is not dealt with and reference is made to papers, previously published by the author of this article where filters with maximally-flat attenuation characteristics are described. The presented diagrams, listing zero-point positions and coefficients of polynomials, are generally precise enough and satisfy requirements imposed on practical filter design. More precise numerical calculations will only be necessary in special cases. When these diagrams are used for filter design which directly give values of required filter components, even these errors are eliminated, since the diagrams were compiled with the aid of very accurate calculations of zero-point positions and poles. There are 11 figures, 3 tables and 4 references: 3 Soviet bloc and 1 non-Soviet bloc. The reference to the English-language publication reads as follows: Novák: A Contribution to the Maximally-Flat Filter Theory. Sborník ÚRE-ČSAV, Prague. NČSAV, November 1961.

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B

Card 2/3

Filters with a maximum flat attenuation... Z/039/62/023/003/004/004
D291/D304

ASSOCIATION: Ústav radiotechniky a elektroniky ČSAV (Institute
of Radio-Engineering and Electronics, Czechoslovak
AS)

SUBMITTED: October 10, 1961

Card 3/3

✓
B

NOVAK, Mirko, ing.

Filter tables and catalogs. Slaboproudy obzor 24 no.3:152-156 Mr '63.

1. Ustav radiotechniky a elektrotechniky, Ceskoslovenska akademie
ved, Praha.

L 4328-66 EWA(h)

ACC NR: AP5028636

SOURCE CODE: CZ/0039/65/026/002/0072/0077

AUTHOR: Zima, Vaclav (Engineer, Candidate of sciences); Novak, Mirko (Engineer, Candidate of sciences) 2/6

ORG: Institute of Radio Engineering and Electronics, CSAV, Prague (Ústav radiotechniky a elektroniky CSAV)

TITLE: Advances in circuit theory 25

SOURCE: Slaboproudý obsor, v. 26, no. 2, 1965, 72-77

TOPIC TAGS: circuit theory, electronic circuit, electric network

Abstract (Author's Russian and English summaries, modified): This article is a survey of the newest advances in the field of circuit theory. The scope of the field is defined and some of the technological processes used in the production of integrated electronic circuits are explained. Advances in the theory of passive and active networks, variable parameters networks and nonlinear networks are evaluated.

[JPBS]

SUB CODE: EC / SUBM DATE: 30Sep64 / ORIG REF: 009 / OTH REF: 052 / SOV REF: C

Card 1/1

NOVAK, Mirko, inz. CSc.

Eighth International Colloquy of the Higher School of Electrical
Engineering in Ilmenau, German Democratic Republic. Slaboproudý
obzor 25 no.3:176-177 Mr '64.

L 15359-66 EWP(v)/I/EWP(k)/EWP(h)/EWP(1) LJP(c)
ACC NR: AP5020383 SOURCE CODE: CZ/0088/65/000/004/0333/0347

AUTHOR: Novak, M. (Engineer, Candidate of sciences)

57
B

ORG: Institute of Radio Engineering and Electronics CSAV, Prague (Ustav radio-
techniky a elektroniky CSAV)

TITLE: Potential analogs

SOURCE: Kybernetika, no. 4, 1965, 333-347

TOPIC TAGS: circuit theory, electric analog, model theory, automatic control system

ABSTRACT: The principles of ^{16, 44, 55}modeling systems by potential analogs are surveyed. The mathematical foundations are given, starting from the basic partial differential equation. The essential steps in the construction of such models are shown. Various applications of potential models in the design of automatic control systems and problems of electrical engineering and circuit theory are discussed. Orig. art. has: 16 formulas, 7 figures.

SUB CODE: 09 SUBM DATE: 31Aug64/ ORIG REF: 000/ OTH REF: 007

Card 1/1

BC

2

HOVORKA, Jaroslav, MDr.; SLEZAK, J., inz.; NOVAK, M.; Technicka spoluprace:
LESKO, Jozef, pplk., pilot I. tridy

Little-known effects of sunlight on the human body. Voj. zdrav.
listy 34 no.4:176-180 Ag '65.

1. Stredisko pro cizokrajne choroby, Vyzkumny ustav antibiotik
a Kabinet letecke mediciny.

NOVAK, Miroslav, inz.

Solution of the stability of the Kechranice Waterwork Dam.
Vodni hosp 13 no.9:325-326 '63.

1. Hydroporjekt, Praha.

CZECHOSLOVAKIA

SEGER, A.; NOVAK, M.

1. Chemprojekt, Prague (for Novak); 2. Institute for Inorganic
Technology, Technical College for Chemistry (Institut für anorganische
Technologie, Technische Hochschule für Chemie), Prague (for Seger)

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb
1966, pp 731-775

"Kinetics of the reaction of H_2NO_2 with CaCO_3 ."

NOVAK, M.

Machine-tractor stations in the fore of the fight for high yields per hectare! p. 97.
MECHANISACE ZEMEDELSTVI. Vol. 5, No. 6, Mar. 1955.

SO: Monthly East European Accession, (EEAL), LC, VOL. 4, No. 9, Sept. 1955 Uncl.

NOVAK, M.

NOVAK, M. The contract between a machine-tractor station and a collective farm, an important means for strengthening mutual relations. p. 17. Commitment of the Tre ic Machine-Tractor Station for the successful beginning of the second Five-Year Plan. p. 18.

Vol. 6, no. 2, Jan. 1956

MECHANISACE ZEMEDLSTVI

AGRICULTURE

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

NOVAK, M.; KAVAN, V.

Ventilated silos.

P. 247. (Zemedelske Stroje.) (Praha, Czechoslovakia) Vol. 3, No. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol 7 No. 5, May 1958

NOVAK, M.

Agricultural publications and their international exchange.

p. 554 (Vestnik) Vol 4 no 10 1957. Praha, Czechoslovakia.

CC: Monthly Index of East European Accessions (MEEA) 10, Vol 7 no 1 Jan 1968

WILL, M.; PETER, J.

A perfect harvesting technique for plants in a field
(Mechanizatsiya Zemel'stva, Vol. 1, No. 1, 1961, p. 10. Trans. 1961, 1962)

SO: Monthly List of East European Agricultural Abstracts (Agriculture), Vol. 1, No. 1, 1961, p. 10.

NOVAK, M.

The foremost task of mechanizers: to harvest the entire crop fast and without losses. p.269.

(Mechanisace Zemedelstvi, Vol. 7, No. 13, July 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

NOVAK, Miroslav, Dr

Interest in the Czechoslovak publications on agriculture abroad.
Vestnik CSAZV 8 no.5:317-318 '61. (EEAI 10:6)
(Czechoslovakia--Agriculture)

NOVAK, Miroslav, dr.

New foreign literature on agriculture and forestry for our experts.
Vestník výzk. zeměděl. 9 no.8:403-405 '62.

1. Ústav vědeckotechnických informací, Ministerstvo zemědělství,
lesního a vodního hospodářství.

HALEK, Vitezslav, inz., CSc.; NOVAK, Miroslav, promovany matematik

Digital computers in water conservation management. Vodni hosp
13 no.6:205-209 '63.

1. Vedecko-vyzkumny ustav hydrotechnicky, Laborator pocitacich
stroju, Vysoke uceni technicke, Brno.

CZECHOSLOVAKIA / GERMANY

DOSTALEK, G.; ROTH, B.; NOVAK, M.; PESCHEL, M.; Laboratory of Graphic Methods of Diagnosis, Czechoslovak Academy of Sciences (Laborator Grafickych Vysetrovacich Metod CSAV), Prague; Clinic of Neurology, Faculty of Gen. Medicine, Charles University (Neurologicka Klinika Fak. Vseob. Lek. KU), Prague; 2nd Institute of Mathematics, Humboldt's University, Berlin [Orig. version not given].

"Temporary Connection Between Heterorhythmical Stimuli in the EEG of Man."

Prague, Activitas Nervosa Superior, Vol 8, No 3, Sep 66, pp 241-247

Abstract [Authors' English summary modified]: In 8 healthy women aged 17-19 a temporary connection between a rhythmical acoustic stimulation and a rhythmical visual stimulation of a different frequency was established. Conditioned reflex was investigated not only from occipital leads but also in the temporal region. In some cases only the temporal region caused the reflex. The number of positive conditioned reflexes was 0 to 8 out of a possible 11. Repeated presentation increased the number in only 1 of the subjects. 5 Figures, 12 Western, 3 Czech, 11 Russian references.
1/1

NOVAK, N. S., acting head of the Chair of Weaving in Leningrad Textile Inst.

"Changes in the Physicomechanical Properties of Three-Layer Jersey Fabric with Modification of Its Structure." Sub 27 Mar 47, Moscow Textile Inst

Sum. Tech Sci

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No. 457, 18 Apr 55

SMIRNOV, Leonid Stepanovich; GONTARENKO, Aleksandr Nikolayevich;
GORDIYENKO, Mariya Georgiyevna; KRYLOV, Aleksandr Iosifovich;
NOVAK, Nikolay Stepanovich; LYASHCHENKO, T.V., red.; STANOLUB,
T.A., tekhn. red.

[Manufacture of artificial fur] Proizvodstvo iskusstvennogo
mekha. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 138 p.
(MIRA 15:4)

(Artificial fur)

38135. NOVAK. N.

Delo chesti mukomolov. (Usovershenstvovaniye tekhnologii pererabotki zerna). Zagatovki s.-kh. produktov, 1949, no 2, s. 49-51.

NOVAK, N., inzhener.

For a sharp production increase and improvement in flour and groats
quality. Kuk.-elev.prom. 20 no.1:13-16 Ja '54. (MLRA 7:7)

1. Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy
promyshlennosti.
(Grain milling)

NOVAK, H., inzhener; MUSTUK, B., inzhener.

Why wheat should be tempered before milling. Kuk.-elev.prom. 20
no.6:15-18 Je '54. (MLRA 7:8)

1. Glavnoye upravleniye mukomol'noy krupyanoy, i kombikormovoy
promyshlennosti (for Novak). 2. Nikolayevskaya mel'nitsa No.6
Glavmuki (for Musyuk).
(Wheat milling)

NOVAK, N., inzhener

Improving the technology of flour milling. Muk.-elev.prom.21
no.9:17-19 S '55. (MLRA 8:12)

1. Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy
promyshlennosti
(Grain milling)

NOVAK, N., inzhener.

Principal trends in the technical progress of the grain milling
and mixed feed industry. Kuk.-elev.prom. 22 no.4:17-21 Ap '56.
(MLRA 9:8)

1. Glavnoye upravleniye mukomol'noy, Krupyanoy i kombikormovoy
promyshlennosti.

(Grain milling)

KOVAK, H. - inzhener.

Producing flour for making rye wafers. Kuk.-elev.prom.22 no.12:
27-29 D '56. (MIRA 10:2)

(Rye milling)

NOVAK, H., inzh.

In grain mills of the German Democratic Republic. Muk.-elev. prom.
23 no.10:29-31 0 '57. (MIRA 11:1)
(Germany, East--Flour mills)

NOVAK, N., inzh.

Feed plants, mills, and units of low capacity. Muk.-elev. prom. 24
no.10:8-12 0 '58. (MIRA 11:12

1.Glavnoye upravleniye mukemol'noy, krupyanoy i kombikormovoy
promyshlennosti Ministerstva khleboproduktov RSFSR.
(Feed mills)

NOVAK, N., inzh.; TORBIN, I., inzh.; RUDOY, M., inzh.

Compressing straw and corn cobs into feed briquettes. Kuk.-elev.
prom. 25 no.4:14-17 Ap '59. (MIRA 13:1)

1. Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy
promyshlennosti Ministerstva khleboproduktov RSFSR (for Novak).
2. Krasnodarskoye krayevoye upravleniye khleboproduktov (for Torbin).
3. Gul'kevicheskiiy kombikormovyy zavod (for Rudoy).
(Feeds) (Straw)

NOVAK, N.Ye.; FEDYAYEV, V.I.; ZHELYABIN, A.V.; KEYZER, V.A., red.; SAVEL'-
YEVA, Z.A., tekhn. red.

[Operating small mixed feed mills] Opyt ekspluatatsii malogabarit-
nykh kombikormovykh agregatov. Moskva, Izd-vo tekhn. i ekon. lit-ry
po voprosam zagotovok, 1961. 59 p. (MIRA 14:11)
(Feed mills)

NOVAK, N., inzh.

Italian grain mills without sifters in one-story buildings.
Muk.-elev. prom. 27 no.9:28-31 S '61. (MIRA 15:2)
(Italy--Grain milling machinery)

NOVAK, N.Ye., red.; SHPOLYANSKAYA, L.M., otv. za vyp.; D'YACHENKO,
V.M., red.; SAVEL'YANOVA, Z.A., tekhn. red.

[Tula Milling Combine No.1, an enterprise of communist
labor] Tul'skii mel'kombinat No.1 - predpriatie kommunisti-
cheskogo truda. Moskva, Zagotizdat, 1962. 51 p.
(MIRA 17:4)

NOVAK, O.

NOVAK, O. Certain recent methods for calculating high building frames
which are horizontally loaded. (Conclusion) p. 31
Vol 5, no. 1, Jan. 1957 INZENYRSKE STAVBY.
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

NOVAK, O.

NOVAK, O. Soviet contribution to the calculation of high building frames
which are horizontally loaded. p. 381, Vol 5, no. 1, 1956
SOVETSKA VEDA: STAVEBNICTVI
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

NOVAK, O.

Preparatory work on the production of the TAM 4500. p. 64.

STROJNISKI VLASTNIK. (Fakulteta za elektrotehniko in strojninstvo Univerze v Ljubljani, Institut za turbostroje v Ljubljani, Drustvo strojnih inženirjev in tehnikov LR Slovenije in Strojna industrija Slovenije.) Ljubljana, Yugoslavia. Vol. 5, no. 2, Mar. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

CZECHOSLOVAKIA

UDC 612.015.3(577.153.9).014.469

KURTI, V.; NOVAK, O.; SOUTLIKOVA, V.; Research Institute of Tuberculosis (Vyzkumny Ustav Tuberkulozy), Prague, Director (Reditel) Docent Dr R. KRIVINKA.

"Effect of Ethionamide on the Activity of Cholinesterase and of Acetylcholinesterase."

Prague, Casopis Lekaru Ceskych, Vol 105, No 52, 23 Dec 66, pp 1409 - 1411

Abstract [Authors' English summary modified]: Ethionamide and preparation 1321Th have a constant and significant inhibitory effect on cholinesterase and acetylcholinesterase serum activity of human red cells in vitro in concentrations of $5 \cdot 10^{-5}$ M. At lower concentrations only some effect was noticed. Other antituberculosis drugs do not show a similar effect. Some side-effects caused by ethionamide are explained by the cholinesterase activity inhibition. 1 Table, 6 Western, 2 Russian references. (Manuscript received May 66).

1/1

NOVAK, OLDRICH

424

— 12 —

1. The following information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

2. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

3. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

4. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

5. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

6. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

7. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

8. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

9. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

10. The information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of the Central Intelligence Agency, Office of the Chief of Staff, regarding the activities of the Czechoslovak intelligence service in the United States during the period from 1945 to 1948.

(2)

NOVAK, Oldrich, inz.

Some further uses of scilloscopes in measurement technique.
Sdel tech 12 no.7:266 J1 '64

L 31297-66

ACC NR: AP6022127

SOURCE CODE: CZ/0014/65/000/009/0328/0329

AUTHOR: Novak, Oldrich (Engineer)

42
B

ORG: none

TITLE: Simple circuit capacitance meter

SOURCE: Sdelovaci technika, no. 9, 1965, 328-329

TOPIC TAGS: electronic circuit, electric measurement, electric capacitance,
HF component, electric measuring instrument

ABSTRACT: The article describes the problems involved in the measurement of circuit capacitances in the designing of high-frequency equipment and presents the circuits of a simple device for the purpose, with an explanation of its working principle and of the procedure in its use. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 09 / SUBM DATE: none / OTH REF: 001

Card 1/1 "C

0915

6041

NOVAK, Oldrich, inz.

Use of selective microvoltmeters for measuring the amplitude
modulation depth. Sdel tech 13 no.1:29 Ja '65.

NOVAK, J. J. 1966.

Measuring frequency modulation systems and systems of
tech 13 no. 3 48-89 1966.

NOVAK, OTAKAR.

Příklady stavební mechaniky I. běhu. [Vyd. 1.] Praha, Státní pedagogické nakl.,
1953. 109 p. (Učební texty vysokých škol) [Practical building mechanics for the
first session. diag.]

SO: Monthly List of East European Accessions, Vol.3, No.3, Library of Congress, March 1954,
Uncl.

NOVAK, Oskar

Establishment and improvement of the principle of cooperation
between various enterprises in the country and abroad. Tehnika
Jug 17 no.6:Suppl.: Masinstvo 9 no.6:1115-1119 Je '62.

1. Sef kooperacije Fabrike automobila i motora, Maribor.

39021
Z/041/62/000/003/001/001
E160/E335

26.2120

AUTHOR: Novák, Otakar. Engineer

TITLE: A contribution towards the evaluation of test data obtained from a compressor-blade cascade at high subsonic flows

PERIODICAL: Strojnický časopis, no. 3, 1962, 273 - 288

TEXT: One of the objects of cascade viscous flow investigations is the determination of the energy losses. Necessary data are taken upstream and downstream of the cascade. Whilst it is possible to accommodate the upstream undisturbed plane within reasonable distance, data taken on the downstream traverse are still in the disturbed region and have to be converted to undisturbed conditions before the evaluation of losses can be made. Amongst many methods available, that devised by N. Scholz is the one most frequently used. Whilst it is accurate for low subsonic speeds, certain errors creep in at high subsonic flows. First, two general expressions are derived, defining the loss coefficient as based on incompressible and compressible flows, the latter assuming importance at

Card 1/3

3902

Z/041/62/000/003/001/001
E160/E335

A contribution towards

high subsonic speeds. The error at these high speeds is relatively large and therefore the expression for the loss factor, taking compressibility into account, should be used. Expressions are derived for transforming the data, obtained by traversing at a finite distance behind the cascade, into those which would exist in a downstream plane placed in infinity. These take compressibility into account and are based on the equations of continuity, change of momentum in the direction of the two axes of the cascade, equation of state and lastly, instead of the total-energy equation, one which is based on the uniform distribution of temperature across the stream. Experiments have shown that the error involved by this last assumption is only a fraction of a percent. A summary is given of the procedure to be adopted for the evaluation of the data obtained from the traverses and of the loss factor. The results obtained by using transformation relations, based on the compressible flow, are compared with experimental results for a particular cascade. Under certain conditions and particularly if the traverse can be effected far enough

Card. 2/3

L 00199-66 EWT(1)/ENP(m)/EWA(d)/T-2/FCS(k)/ETC(m)/EWA(1) WW
ACCESSION NR: AP5013183

CZ/0041/65/000/002/0159/0166

AUTHOR: Novak, Otakar (Engineer)

TITLE: Fundamental problems of cascades for transonic and supersonic stages of turbomachines

SOURCE: Strojnický časopis, no. 2, 1965, 159-166

TOPIC TAGS: turbine cascade, transonic flow, supersonic flow, compression shock wave

ABSTRACT: The problems involved in the design of transonic and supersonic cascades are discussed and illustrated with some typical examples. The analysis leads to some general conclusions concerning the basic aerodynamic phenomena which determine the flow quality in these cascades: interaction of compression shocks and Mach waves, separation of the boundary layer and its consequences, and interaction of compression shocks and boundary layer. It is also pointed out that dissipation phenomena in the flow such as the effect of viscosity, vorticity, and thermal conductivity must also be taken into account. In conclusion, problems for future work in the field of flow in cascades are formulated. Orig. art. has: 8 figures.

Card 1/2

JAROVA, J.; NOVAK, P.

Average recommended calorie and nutrient allowances for diet
of the North Bohemian region. Cesk. hyg. 10 no.1232-38 P 144.

1. Průběh výživového systému v české republice. (The development of the food system in the Czech Republic).

NOVAK, P.
CHORVATH, V.; NOVAK, P.

Use of adrenal cortex preparations in surgery. Sloven.lekar 12
no.9-10:493-495 Sept-Oct 50. (CLAL 20:5)

1. Of the Surgical Clinic (Head--Prof.Konstantin Carsky,M.D.) of
Slovak University, Bratislava.

NOVAK, P.; REK, L.

Indications for early treatment of complicated spinal fractures.
Bratisl. lek. listy 43 no.2:103-109 '63.

1. Z I chirurgickej kliniky Lek. fak. Univerzity Komenského v
Bratislave, prednosta prof. MUDr. K. Carek, a z chir. odd. St.
sanatoria v Bratislave, prednosta MUDr. P. Novak, C. Sc.
(SPINAL INJURIES) (FRACTURES) (SPINAL CORD COMPRESSION)

CAPOVA, H.; DUBANSKA, H.; HAHN, P.; HUTAK, D.; JILEK, J.; KOLDOVSKY, O.;
NECAS, O.; NOVAK, P.; SEJNOHA, L.; SPACEK, J.

The amount of total body fat determined by skin fold thickness in
males from 16 to 35 years. Cesk. gastroent. vyz. 15 no.7:540-555
N '61.

1. Fyziologicky ustav CSAV - Praha, Ustav leteckeho zdravotnictvi -
Praha, Vojensky ustav hygieny, epidemiologie a mikrobiologie - Praha.
(ADIPOSE TISSUES)

NOVAK, P.; NOVAK, M.

Contribution to the problem of determination of total blood cholesterol by the method of examination of a drop of blood. Cesk. fysiол. 12 no.1:58-60 '63.

1. Ustav lateckeho zdravotnictvi, Ustav pro peci o matku a dite, Praha.

(BLOOD CHOLESTEROL)

(ARTERIOSCLEROSIS)

(SPECTROPHOTOMETRY)

NOVAK, P., MUDr. CSc.; BEN, L.; KOMAR, R.

On the problem of multiple injuries. Bratisl. lek. listy 45
no.7:427-432 15 Ap '65.

1. I. chirurgická klinika Lekárske fakulty Univerzity Komenského v Bratislave (veduci: prof. MUDr. K. Carsky); Chirurgické oddelení Štátneho sanatória v Bratislave (veduci: MUDr. P. Novak, CSc.) a Ústav súdneho lekárstva Lekárske fakulty Univerzity Komenského v Bratislave (veduci: prof. MUDr. H. Krsek).

CERNIGOJ, B.; SELJAK, Z.; NOVAK, P.; PUST, J.; MUREN, H.; OPRESNIK, M.;
KUHELJ, A.; HLEBANJA, J.; KRUSIC, B.; POVSE, R.; KRAUT, B.;
PROSENC, V.; PRELOG, E.

Book reviews. Stroj vest 10 no.6:176-182 D '64.

HUTAK, D.; PERLIN, C.; NOVAK, P.

Observation of the nutritional status of soldiers. .thoflavie
saturation. Cenk. gastroent. vyz. 19 no.6:355-358 1964.

1. Vojensky ustav hygieny, mikrobiologie a epidemiologie v
Praze.

311444

27.1150

S/177/61/000/010/001/002
D298/D305

AUTHORS: Koldovsky, O., Novak, P. and Vorel, F.

TITLE: The development of atherosclerosis in jet pilots

PERIODICAL: Voenno-meditsinskiy zhurnal, no. 10, 1961, 70-72

TEXT: In previous work (Ref. 12: Koldovsky O., Novak, P. Riv. di Med. Aeronaut. e. Spaz., 23, 203, 1960) the authors noted a higher level of cholesterol in the blood of helicopter pilots compared with a control group of non-flyers. This led the authors to assume that there might be a higher incidence of atherosclerosis among pilots, a thesis which is corroborated by pathoanatomical studies of dead pilots (Ref. 20: Vorel F., Nadvornik, F. Voj. zdrav. listy, 6, 11, 1960). In the present work the authors describe further studies of the cholesterol level in the blood of jet pilots and the result of a further analysis of pathoanatomical diagnoses. The general cholesterol level was studied

Card 1/4

311111

S/177/b1/000/010//001/002
D298/D305

The development of ...

that the cholesterol level in the pilots corresponded to that of a 50-year old man. In both pilots and control group atherosclerosis became more pronounced with age, although this was more marked in the pilots. The incidence of atherosclerosis in the pilots corresponded to the incidence among men about 15 years older. The concentration of cholesterol in the blood and the atheromatous lesions lead to the conclusion that atherosclerosis develops much earlier in pilots than in the persons of the control group. The authors then examine the factors which may underlie the higher cholesterol level and the earlier appearance of atherosclerosis in pilots. Diet studies showed that the daily food ration of the pilots had an excess calorific content (approximately 40% higher than the energetic consumption). However, this calorific disbalance did not lead to marked obesity. The authors call for more research to determine the connection, if any, between diet and the development of atherosclerosis. There are 1 table, 3 Soviet-bloc and 19 non-Soviet-bloc references.

Card 3/4

NOVAK, P.

"Household and factory heating" by O. E. Fischer. Reviewed by P. Novak. Stroj vest 9 no.4/5:136 O '63.

"Single-furnace heating" by C. Madaus. Ibid.:136

Med Experience with new laboratory methods for posthepatitis syndrome. Vladimír Dufek and Pavel Novák (ÚVN, Prague), *Časopis lékařů českých* 56, 70-3(1957).—A comparison is given of results obtained by means of the urobilinogen test on bile drainage time (I), electrophoresis of blood proteins, vitamin K test and plasma P₀ detn. (II). Only I, and partially II were of high value. The rest did not exceed the value of current flocculation tests for hepatic functions. *A. Zentek* 2

1 31702-66 EMP(k)/EMP(v)/EMP(h)/EMP(i)
ACC NR: 6021702

SOURCE CODE: CZ/0032/66/016/001/0050/0055

AUTHOR: Novak, P. (Engineer; Prague)

ORG: none

TITLE: Computer-controlled machine tools

SOURCE: Strojirenstvi, v. 16, no. 1, 1966, 50-55

TOPIC TAGS: metal cutting machine tool, computer control system

ABSTRACT: The basic principles are investigated of systems for controlling metal-working machine tools by means of computers. The relationship between the functions of programming and controlling computers is explained, and the conditions are outlined under which computer-controlled machine tools provide technical and economical advantages. A detailed description is given of the methods for determining the path of the tool, the compensation for tool wear, of the types of input and output digital signals, transmission systems, etc. The requirements are specified that modern computers, designed for computer-controlled machine-tool systems, must meet. Orig. art. has: 9 figures and 5 formulas. [Based on author's eng. abst.] [JPRS]

SUB CODE: 13 / SUBJ DATE: none / ORIG REF: 003

Card 1/1

UDC: 621.9-52:681.142-83

1954, 1.

River models as a means of research work. p. 201.

Vol. 4, no. 10, Oct. 1954

Acad. Sci. Czechoslovakia

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 1, no. 1, August 1956

Decisions of the Party and government on tasks of science. p. 147.
VOENNO-POLETSKII. (Vostochny svernyy voennyy gosudarstvennyi razved.
no. 6, June 1956.

Source: East European Academic List, Vol. 6, no. 6, October 1956.

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delivered to him on his 100th birthday. . . . 15

Mo. J. Sept. 1956

No. 1, Oct. 1956

1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 26

Congress, Vol. . . . , January 1957

NOVAK, Pavel, inz., dr., kandidat technichych ved.

Hydraulic engineering laboratory models. Nova technika no.10:
445-448 0 '60.

1. Vyzkumny ustav vodohospodarsky, Praha

31130
Z/014/61/000/012/001/001
E192/E382

9.3270

AUTHOR: Novák, Pavel, Engineer

TITLE: A novel balanced modulator

PERIODICAL: Sdělovací technika, no. 12, 1961, 462 - 463

TEXT: The article describes a new Czechoslovak patent entitled "A balanced modulator". The basic circuit of the modulator is shown in Fig. 2. The signal source e_1 has an internal resistance R_1 and the modulating source e_2 has a resistance R_2 . The balancing conditions in the modulator are analyzed under the assumption that $e_2 = 0$ and that the characteristics of both the tubes are linear. It is then shown that balancing is achieved when the following equation is fulfilled:

Card 1/4

A novel balanced modulator

31130
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E192/E382

$$\rho_1(1 - \mu_2) + R_2(1 - \mu_1 - \mu_2) - \rho_2\mu_1 \stackrel{!}{=} 0$$

$$\frac{\rho_1 + R_2}{\rho_2 + R_2} \cdot \frac{\mu_2 - 1}{\mu_1} \stackrel{!}{=} 1 \quad (11)$$

where ρ_1 and ρ_2 are internal resistances of the tubes, and μ_1 and μ_2 are their amplification factors.

It is seen from this that balancing with regard to the modulating signal e_1 is independent of the internal-source resistance R_1 or of the symmetry of R_1 and R_2 . However due to various practical reasons (such as harmonic suppression) it is advisable to keep R_2 small in comparison with the input resistance $1/g_m$ (where g_m is the slope of the tube).

Card 2/4

3113C

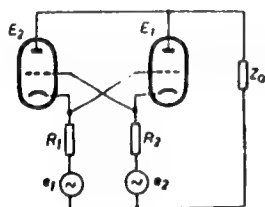
Z/O14/61/000/C12/001/001

E192/E582

A novel balanced modulator

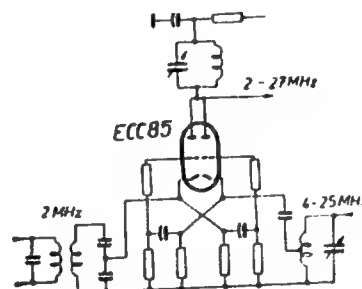
was better than 25 d.b. On the other hand, it was found that with a standard balanced modulator, based on two tubes type 6L45, it was difficult to obtain a balancing ratio of more than 7 d.b. There are 4 figures.

Fig. 2:



Card 4/4

Fig. 4:



NOVAK, Pavel

Soldering of rear heads of traction motor motors. Stroj
vyr 12 no.2:124 '64.

1. Zavody V.I. Lenina, n.p., Plzen.

NOVAK, Pavel, inz. CSc.

Reinforcement of the main girders of railroad steel truss
bridges. Ing. study 1981. 72 pages, 10 sheets.

1. Higher School of Transportation, Prague.

NOVAK Pavel

Some observations on the determination of maximum
washout under artificial conditions. Studies in Israel 6:1-22 '66.

1. Institute of Research for Water Management, Prague

A , , .

1. Stereo, photogrammetry in the lower-mazez road. Nat. .
195. 1957. 2 no. 10: 458-461. 0 .

2. Chair of Building Mechanics, Higher School of Transportation,
1957.

NOVAK, Pavel, doc. dr. inz. CSc.

Research methods on models of river beds. Vodni hosp 14 1964:
2 of cover '64.

NOVAK, Pavol, inz. CSc.

Calculation of steel plate railway bridge construction on the
rail II automatic computer. Copyrighted by the author.

NOVAK, P.; REK, L.; KOMAR, R.

Prevention of lesions due to respiratory insufficiency in
craniocerebral injuries. Bratisl Lek. Listy 44 no.7:435-451 '64.

1. I. chirurgická klinika Lek. fak. Univerzity Komenského v
Bratislave (vedúci prof. MUDr. K. Čarský), Chirurgické
oddelenie Štátneho sanatória v Bratislave (vedúci MUDr.
P. Novák, C.Sc.) a Katedra súdneho lekárstva Lek. fak.
Univerzity Komenského v Bratislave (vedúci prof. MUDr.
H. Krsek).

74, 2; NOVAK, P.

1. 1965 (1965), Ustani n. 2; 1965, 1965, 1965, 1965

1965, 1965, 1965, 1965, 1965, 1965, 1965, 1965

"Average 1965, 1965, 1965, 1965, 1965, 1965, 1965, 1965
1965, 1965, 1965, 1965, 1965, 1965, 1965, 1965"

L 00636-67 EWT(1)/T IJP(c)

ACC NR: AP6024702

SOURCE CODE: CZ/0024/65/000/009/0237/0239

AUTHOR: Bitterer, Ladislav (Engineer); Novak, Pavol (Engineer; Candidate of sciences)

ORG: College of Transportation, Zilina (Vysoka skola dopravna)

TITLE: Stereometric camera²⁰ for close photogrammetry ³⁰

SOURCE: Geodeticky a kartograficky obzor, no. 9, 1965, 237-239

TOPIC TAGS: photogrammetry, aerial camera , topographic camera

ABSTRACT: The article describes a stereometric camera for close photogrammetry made in the laboratory of the Graduate School from old parts, as such cameras are not produced in Czechoslovakia. The method used to determine the characteristics of the instrument is given. This paper was presented by Engineer, Candidate of Sciences Eugen Adler, SVST, Bratislava. Orig. art. has: 3 figures and 4 formulas. [JPRS]

SUB CODE: 14, 03 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

Card 1/1 pb

UDC: 528.711.114

0915 85/9

NOVAK, Petar.

Coleoptera. Beetles of the Adriatic region. Beograd, Jugoslavenska Akademija Znanosti i umjetnosti, 1952. 521 p.

NOVAK, PETR

JANOV, Janina

SUBJECT (in case); Given Name

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: IRES /arabian biology station, the biological station, arab biology station and arab biology station, 1st and 2nd.

Source: Prague, Czechoslovakia, Vol 21, No 5, 1961, p. 10-11.

Date: "Food Consumption of a Large Population Group in North and Central Bohemia in Relation to Nutrient Allowances."

Co-authors:

NOVAK, Petr, /as above/

NOVAK, Peter

The "large city" problem. Elet tud 15 no.47:1486-1490 20 !!
'60.

NOVAK, Peter

The birth of towns. Elet tud 16 no.24:751-755 11 Je '61.

NOVAK, Peter

The future of Hungarian towns. I. (To be contd.). Elet tud 16 no.27:
850-853 2 J1 '61.

NOVAK, Peter

Industrial work places in the cities. Elet tud 16 no.32:1010-1013
6 Ag '61.

NOVAK, Peter, kandidatus

Downtown: the heart of cities. Elet tud 16 no.52:1639-1643
24 D '61.

NOVAK, Peter, kandidatus

Hungarian villages in the year of 2000. Elet tud 16 no.53:
1667-1671 31 D '61.

NOVAK, Peter, a muszaki tudományok kandidátusa (Budapest)

City planning - science of settlements. Term tud kozl 6
no.10:448-452 0 '62.

NOVAK, Petar (Split); WAGNER, Wilhelm (Hamburg)

Homoptera of Dalmatia. God. biol inst Sar 15 no.1/2:31-53
'62

NOVAK, Peter, dr.

After the Hungarian Conference on City Planning. Magyar ipar
12 no.8:337-339 '63.

